

**Department of Molecular Biology and Biotechnology, Class Routine for Autumn Semester (July-December, 2018)**

**CBCS courses to be offered by the Department**

<b>Ph. D program</b>	<b>M.Sc. and undergraduate programs</b>
BT752 Introduction to analytical techniques -AK*, NDN, RD	BT 477-Intellectual property rights, Biosafety and Bioethics- RD*, BKK, MM
	BI 109-Basics in Bioinformatics- MVS*, PB, AK

**Ph. D program**

<b>Core courses</b>	<b>Elective courses</b>
BT 710- Research Methodology (2+1+1) MVS*, AK, RM	BT 717- Evolutionary Genetics and Immunogenetics (3+1+0) SPG*, SB, SKR

**M.Sc. in MBBT**

<b>M Sc I Semester</b>	<b>M Sc III Semester</b>
BT 441- Biochemistry (3-0-0) AKM*, TM	BT 420 – Bioprocess Engineering and Technology (2-1-0) MM*, TM, AKM
BT 443- Cell Biology (3-0-0) SS*, EK, AR	BT 421-Immunotechnology (2-0-0) SB*
BT 445 – Microbiology (3-0-0) MM*, SB, NDN	BT 422- Molecular Virology (2-0-0) NDN*, SS
BT 447 – Genetics (3-0-0) SPG*, BKK/AK, SKR	BT 424-Laboratory (Bioprocess Engg and Tech) (0-0-3) MM*,TM, NKB
BT 449- Basics of Mathematics and Statistics (2-0-0) MVS*, PB	BT 425 – Project Proposal Presentation AK*, ANJ
BT 451- Basics of Chemistry and Physics (2-0-0) ANJ*, MVS	#Elective I: BT-433 Animal Biotechnology (2-1-0) SDG*, RM, SPG
BT 453- Lab-I Biochemistry and Analytical Techniques (0-0-3) AKM*, SPG, KKH	#Elective II: BT450 Evolutionary Genetics (2-1-0) SKR*, SPG, PB
BT 455- Lab-II Microbiology (0-0-2) SB*, SKR, NKB	#Elective III: BT 435 Plant Biotechnology (2-1-0) SKR*, AKB, BKK
	CBCT course (3-0-0)

(#Any two from three elective courses)

**Integrated M.Sc. in Bioscience and Bioinformatics**

<b>III Semester</b>	<b>V Semester</b>	<b>VII Semester</b>
MI 211- Numerical Methods and Integrals (2-1-0)	BI 321- Molecular Biology (2-1-0) RM*, AR	BI 421- Structural Bioinformatics (2-1-0) ANJ*,AK
BI 231 Biochemistry - I (2-1-0) SS*, JPS, TM	BI 323- Developmental Biology (2-1-0) SDG*, SB, EK	BI 423-Cell and Tissue Culture (2-1-0) SDG*, JPS, EK
BI 223- Cell Biology (2-1-0) EK*, AR	BI 325- Analytical Techniques (2-1-0) NDN*, RD, KKH	BI 425 Bioinformatics Software and Algorithms (2+0+0) MVS*,PB
BI 229- Animal Physiology (2-0-1) RD*, SDG	BI 327 -Bioprogramming and Biostatistics (2-1-0) PB*, ANJ, AK	<b>Elective I:</b> BI 427: Animal Biotechnology (2-1-0) SPG*, RM; <b>Elective II:</b> BI 431 Plant Biotechnology (2-1-0) EK*, BKK, SKR
BI 227- Lab for Biochemistry and Cell Biology (0-0-2) AR* PM	BI 335- Biochemistry II (2-0-0) TM*, AKM	BI 435 Fermentation and Bioprocess Engineering (2-0-0) TM* MM
CI 211- Chemistry-III ((2-1-0)	BI 331- Lab. on Enzymology (0-0-2) NDN*, KKH	BI 437 Lab on Cell &Tissue Culture (0-0-2) SDG* NKB
CBCS/ Elective (3-0-0)	BI 333- Lab. on Molecular Biology (0-0-2) RM*, SS, NKB	BI 439 Lab on Bioprocess Engineering (0-0-2) TM*, NKB
		CBCS/Elective (3-0-0)

**Integrated M.Sc. in Bioscience and Bioinformatics (IX Semester)**

BI 525-Seminar III (0-1-0) ANJ*
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**Integrated M.Sc. in Bioscience and Bioinformatics (I Semester)**

BI 103- Biology Major I (3-0-0) BKK*, SKR, SS
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BI 105 – Biology Major I Lab (0-0-3) JPS*, SS, PM
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BI 101-Biology I (2-1-0) SKR*, BKK, JPS
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BI 107- Biology I lab (0-0-3) EK*, JPS, PM
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**BKK:** Prof B K Konwar, **AKB:** Prof. A K Buragohain; **AKM:** Prof A K Mukherjee; **SB:** Prof S Baruah; **SKR:** Prof. S K Ray; **AR:** Prof. A Ramteke; **MM:** Prof. M Mandal; **RD:** Dr. R Doley; **TM:** Dr T Medhi; **EK:** Dr. E Kalita; **SPG:** Dr. SPG Ponnamp; **ANJ:** Dr. A N Jha; **RM:** Dr. R Mukhopadhyay; **SS:** Dr. S Saha; **NDN:** Dr. N D Namsa; **SDG:** Dr S Dasgupta; **MVS:** Dr M V Satish Kumar; **JPS:** Dr J P Saikia; **AK:** Dr Aditya Kumar; **PB:** Dr Pankaj Barah; **KKH:** Dr K Hazarika; **NKB:** Dr N K Bordoloi; **PM:** Mr. P Mudoj;

**Class Routine for M. Sc. and Integrated M.Sc. Courses, Autumn Semester 2017(With allotment of Room)**

DAY	SEM	9:10-10:10 AM	10.30-11.30 AM	11.30AM-12.30 PM	12.30-1.30 PM	1.30-2.30 PM	2.30-3.30 PM	3.30-4.30 PM	4.30-5.30 PM
MON	MSc I	BT 441 (R109)	BT 443 (R109)	BT 445 (R109)		BT 449 (R109)	BT 451(R109)	Tutorial	Library
	MSc III	BT 422 (R 218)	BT 433 (R 218)	BT 450 (R 218)		BT 420 (R 218)	Project lab visit		
	Int MSc III	MI 211	CI 201	Tutorial		BI 231 (Lib)	BI 223 (Lib)	Library	
	Int MSc V	BI 327 (R 303)	BI 321 (R 303)	BI 325 (R 303)		Tutorial	BI 331/BI 333(R 213)		
	Int MSc VII	BI 423 (R 117)	BI 425 (R 117)	BI 421 (R 117)		BI 427 (R 117)	BI 437/BI439 (R309)		
	Int MSc I			BI 101/BI 103 (Lib)			BI 105/BI 107 (R113)		
Ph.D.	BT 710 (Lib)					BT 717 (R 303)			
TUE	MSc I	BT 445 (R109)	BT 443 (R109)	BT 447 (R109)		BT 451(R109)	Tutorial	Library	Library
	MSc III	CBCS	BT 420(R 218)	BT 435(R 218)		BT 424 (R212)			
	Int MSc III	CI 201	BI 229 (Lib)	MI 211		BI 223 (Lib)	BI 227(R 309)		
	Int MSc V	CBCS	BI 325 (R 303)	BI 335 (R 303)		BI 323 (R 109)	BI 331/BI 333(R 213)		
	Int MSc VII	CBCS	BI 421 ( R117)	BI 425 (R 117)		BI 431 (R 303)	LIBRARY/TUTORIAL		
	Int MSc I					BI 105/BI 107 (R113)			
Ph. D.	CBCS		BT 710 (Lib)						
WED	MSc I	BT 441(R109)	BT 447(R109)	BT 443 (R109)		BT 449 (R109)	Tutorial	Library	Library
	MSc III	CBCS	BT 424 (R212)			Tutorial	BT 433(R 218)	BT 435(R 218)	
	Int MSc III	CBCS	BI 227(R 309)			BI 229 (Lib)	BI 231(Lib)		
	Int MSc V	CBCS	BI 327 (R 303)	BI 335 (R 303)		BI 323 (R 303)	BI 331/BI 333(R 213)		
	Int MSc VII	CBCS	BI 431 (R 117)	BI 427 (R 117)		BI 435 (R117)	BI 437/BI439 (R309)		
	Int MSc I					BI 105/BI 107 (R113)			
Ph. D.	CBCS	BT 710 (Lib)	BT 717 (Lib)						
THU	MSc I	BT 441(R109)	BT 445(R109)	BT 447 (R109)		BT 453/BT455 (R212)			
	MSc III	BT 450(R 218)	BT 422(R 218)	BT 420(R 218)		BT 421(R 218)	BT 435 (R 218)	Library	
	Int MSc III	BI 223 (Lib)	CI 201	BI 229 (Lib)		CI 211			
	Int MSc V	BI 323 (R 303)	BI 321 (303)	BI 325 (R 303)		LIBRARY/TUTORIAL			
	Int MSc VII	BI 423 (R 117)	BI 431 (R 117)	BI 421 (R 117)		BI 437/439 (R 309)			
	Int MSc I		BI 101/BI 103 (Lib)			BI 105/BI 107 (R113)			
Ph.D.					BT 717 (Lib)				
FRI	MSc I	BT 453/BT455 (R212)				BT 453/BT455 (R212)			
	MSc III	CBCS	BT 421(R 218)	BT 433(R 218)		BT 450(R 218)	BT 425-Project proposal		
	Int MSc III		MI 211	BI 231 (Lib)					
	Int MSc V	CBCS	BI 321 (R303)	BI 327 (R303)		Tutorial/Library			
	Int MSc VII	CBCS	BI 423 (R117)	BI 435 (R117)		BI 427 (R117)			
	Int MSc IX					Seminar III			
Ph. D.	CBCS	BT 710 (Lib)			BT 717 (R 303)				

- Course : NS 553 : Biophysics and Nanobiotechnology (M.Sc III) : Class Timing : Mon : 10.30 – 11.30 AM and Thursday 3.30 – 5.30 PM